Abstract:

[PROBLEMS]

To provide a photosensitive resin composition with excellent photosensitivity whose cured product is excellent in adhesiveness, pencil hardness, solvent resistance, acid resistance, heat resistance, gold plating resistance, HAST properties, flame retardance, flexibility and the like a cured product thereof.

[MEANS FOR SOLVING PROBLEMS]

A photosensitive resin composition comprising a carboxyl group-containing resin (A) which is a reaction product of a compound (a) represented by the following formula (1):

wherein n is an average value of 1 to 20; R₁ and R₂ may be the same or different, and are each a hydrogen atom, a halogen atom or a C₁ to C₄ lower alkyl group; R₃, R₅, R₈ and R₁₀ may be the same or different, and are each a hydrogen atom, a halogen atom or a methyl group; and R₄, R₆, R₇ and R₉ may be the same or different, and are each a hydrogen atom or a methyl group, a compound (b) having an ethylenically unsaturated group and a glycidyl group in the molecule and a polybasic acid anhydride (c), a crosslinking agent (B) and a photopolymerization initiator (C), and a cured product thereof.